

Technical drawing of a DIL Chamber with Sediment and Drift Chambers. The drawing includes a side elevation and two end views.

Side Elevation Labels and Dimensions:

- Top Section:** MATCH TOP STUB INVERT TO TOP CHAMBER INVERT (70.66')
- Drift Chamber:** 106' (total width), 2' (drift chamber width), 36' (drift chamber height), MATCH OUTLET STUB INVERT WITH DRIFTE INVERT.
- Sediment Chamber:** 12' (width), 21.11' (height), 8' HI-Q STAND PIPE, WELD STAND PIPE TO TOP OF PIPE CHAMBER AND ATTACH STIFFENER PLATE TO REDUCING PLATE (SEE DETAIL).
- Bottom Section:** 12' (width), 24' (height), MEASURED FROM CHAMBER ID TO DRIFTE INVERT, REDUCING PLATE W/ DRIFTE AND OUTLET STUB, HDPE INVERTED WEIR PLATE (SEE DETAIL).
- Overall Dimensions:** 141.33' (total length), 212' (total width), 236' (total width including full stick of pipe).
- Other Labels:** REDUCING PLATE W/ INLET STUB, SAW TOOTH HDPE WEIR PLATE (SEE DETAIL).

End Views:


- Left End View:** Shows the circular cross-section of the chamber with a shaded area representing the weir plate. Dimension C is indicated.
- Right End View:** Shows the circular cross-section of the chamber with a shaded area representing the weir plate. Dimension B is indicated. A detail view of the SAW TOOTH HDPE WEIR PLATE is shown, illustrating the sawtooth pattern.

HANCOR PRODUCT #	MAIN PIPE DIA.	INLET STUB DIA.	OUTLET STUB DIA.	ORIFICE DIA.	A	B	C	D
3620WQ4X	36"	10"	10"	7.82"	13.9"	28"	24"	24"
3620WQ6X	36"	10"	10"	5.35"	13.9"	28"	24"	24"
4220WQ4X	42"	12"	12"	8.13"	16.1"	30"	30"	28"
4220WQ6X	42"	12"	12"	5.70"	16.1"	30"	28"	28"
4820WQ4X	48"	12"	12"	9.24"	16.1"	36"	36"	34"
4820WQ6X	48"	12"	12"	6.53"	18.1"	36"	34"	34"
6020WQ4X	60"	15"	15"	10.05"	18.9"	45"	48"	43"
6020WQ6X	60"	15"	15"	7.1"	18.9"	45"	48"	43"

XX DENOTES A BY-PASS SIZE OF 15", 18", 24", 30", 36", 42", 48", OR 60"
 XX=00 DENOTES UNITS W/OUT A BY-PASS. UNITS W/OUT A BY-PASS DO NOT HAVE ORIFICE HOLES ON THE
 OUTLET. THE OUTLET PIPE Ø WILL MATCH THE INLET PIPE Ø.

NOTES:

1. ALL DIMENSIONS ARE NOMINAL
2. ALL FITTING CONNECTIONS WILL BE MADE USING A STANDARD BELL/BELL OR SPLIT COUPLER

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				.X + / - .05		THIS DRAWING, AND COPIES THEREOF, CONTAINS DESIGN AND MANUFACTURING INFORMATION WHICH BELONGS EXCLUSIVELY TO HANCOR, INCORPORATED. USE AND DISCLOSURE OF THIS INFORMATION IS RESTRICTED TO HANCOR EMPLOYEES, LICENSEES, AND SUPPLIERS OF TRANSACTIONS FOR THE BENEFIT OF HANCOR INCORPORATED.		MATERIAL: _____ SCALE: NTS DATE: 10/6/09 CHECKED: _____ DRN BY: CKS APPR: _____	
				.XX + / - .015					
				.XXX + / - .005					
				.XXXX + / - .0005					
				FRACTION + / - 1/64					
				ANGLE + / - 30°					
				FABRICATED					
				+ / - 1/16					
				BY		DATE		CHK	
				REV		DESCRIPTION			
				A		OUTLET PIPE CHANGED TO MATCH INLET DIAMETER - DIMS UPDATED			
				ACCORDINGLY					

FOR REFERENCE ONLY



TITLE: STORM WATER QUALITY UNIT (MODULE 1) 20FT

MATERIAL:

SCALE: NTS	Sht. 1 of 1
DATE: 10/6/05	CHECKED:

DATE: 10/6/88	FILED
DRN BY: CKS	APPR: